

General Environmental Incident Summary

Incident: 3730 **Date/Time Notice:** 4/22/2015 **DEM Incident No:**
Responsible Party: Statoil Oil and Gas
Date Incident: 4/20/2015 **Time Incident:** 10:00 **Duration:** 45 minutes
County: McKenzie **Twp:** 152 **Rng:** 98 **Sec:** 5 **Qtr:**
Lat: 48.01147 **Long:** -103.24430 **Method:** Interpolation from map
Location Description: Cross streets of 41st and Twin Valley Rd 2.3 miles west of 1806 in the Tobacco Gardens area.
Submitted By: Jeremy Mohl **Affiliation:** Sr. HSE Coordinator
Address: 14649 Brigham Dr
City: Williston **State:** ND **Zip:** 58801

Received By:

Contact Person: Jeremy Mohl
14649 brigahm dr.
Williston, ND 58801

Distance Nearest Occupied Building: 2000 Feet **Release Contained:** No

Type of Incident: Pipeline Leak

Description of Released Contaminant: Salt Water

Volume Spilled: 5.00 barrels **Ag Related:** No

EPA Extremely Hazardous Substance: No **Reported to NRC:** Unknown

Cause of Incident:

A power failure to the Salt Water Disposal facility caused a spring loaded pipeline inlet valve close automatically. This caused an increase in pressure from 10 PSI to 240 PSI. As a result a Poly fuse failed allowing SW to leak through a ruptured fuse.

Risk Evaluation:

There were no immediate safety or health concerns surrounding this incident.

of Fatalities: **# of Injuries:** **Affected Medium:** 03 - soil

Potential Environmental Impacts:

Soil and surrounding vegetation was negatively impacted in the immediate vicinity of the pipeline ROW. The spread to other area vegetation may have occurred had the leak not been detected immediately. Due to the configuration of the roads and location of the leaks, there were no water ways or ground water at risk.

Action Taken or Planned:

Upon discovery, all SW pumps were immediately shut down to relieve the line pressure. All product was removed from the line and equipment was dispatched and began excavation within 45 minutes of discovery due to the equipment being in the area. The line was repaired and excavation will continue until the soil tests clean. Conformation samples will be sent to the lab for verification. The line is scheduled to be pigged and then pressure tested to ensure all other fuses maintain their integrity.

Wastes Disposal Location: Indian Hills Disposal

Agencies Involved: NDIC

Updates

Date: 4/22/2015 **Status:** Reviewed - Follow-up Required

Author: O'Gorman, Brian

Updated Volume:

Notes:

Release, due to a pipeline inlet valve, released 5 barrels of salt water on to pipeline ROW soil. Followup is necessary.

Date: 4/23/2015 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

I arrived at the site at 14:40 p.m. The weather is cloudy, 41 °F, with the wind from the southeast 10-20 mph. I talked to company rep taking samples; he indicated that he just sent confirmation samples to lab to verify cleanup. The impacted soil has been hauled away, and the excavation is currently surrounded by orange fencing. More followup needed to verify final cleanup. 48.01134; - 103.24471

Date: 5/12/2015 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

I arrived at the site at 11:40 a.m. The weather was cloudy, 56°F, with the wind from the southeast 10-20 mph. The pipeline area has been repaired and area has been filled in with soil. There is a company working on a pipe fence around valves. No further followup needed at this time. 48.01132; -103.24464

Date: 5/28/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Volume:

Notes:

Requested clearance sample results.